Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 18 Feb 2022 until 23:59 on Saturday 19 Feb 2022

Forecast Issued on Thursday 17 Feb 2022 at 16:39

Confidence: High for very unsettled, often windy and occasionally wintry conditions, but lower with regard to details, even on Friday due to uncertainties in the exact track and depth of Storm Eunice.

Headline for Friday 18 Feb 2022: Morning rain and sleet then afternoon snow showers. Bitterly cold and very windy

Mountain weather hazards on Friday 18 Feb 2022

Blizzards
Low Likelihood

Gales
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
Low Likelihood

Severe chill effect
High Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
Medium Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sleet	Heavy Rain	Light rain showers	Light rain	Light snow showers	Heavy snow showers (night)	Heavy snow showers (night)
Precipitation probability							
30%	>95%	>95%	40%	60%	30%	30%	40%

Forecast for Friday 18 Feb 2022

Weather: Cloudy with outbreaks of rain and, initially above about 450m, sleet and snow soon spreading northeast, turning heavier and more persistent through the early hours. The rain will become lighter, and may turn more showery for a time, in the morning before clearing to occasional showers in the early afternoon, these becoming more wintry and occasionally heavy by evening. The showers may merge to give a longer spell of snow for a time in the evening.

Chance of cloud-free hill tops above 600m: Little chance through much of the morning becoming around 40% in afternoon.

Low cloud and visibility: Periods or persistent cloud above 300-450m developing by dawn, perhaps becoming more occasional above 600m for a time in the morning, then becoming occasional or periods above 450-600m by early afternoon. Otherwise visibility good falling to a few kilometres in heavier rain and sleet and a kilometre or less in any heavy summit snow and snow showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Friday 18 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/28 SW	20/27 SE	35/46 S	37/50 S	40/55 W	47/66 W	37/52 W	35/49 W	34/48 W
300	12/20 SW	15/23 SE	27/41 S	27/41 S	31/47 W	36/56 W	28/43 W	24/38 W	25/39 W
Valley	7/19 SW	10/21 SE	18/39 S	18/38 S	23/46 W	28/56 W	20/42 W	18/38 W	18/39 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-5	0/-6	2/-6	2/-6	1/-8	-1/-10	-2/-11	-2/-11	-1/-10
300	4/-1	2/-2	4/-2	5/-1	3/-4	2/-6	1/-6	1/-6	1/-6
Valley	4/1	3/-1	5/-0	5/1	4/-2	3/-4	2/-4	2/-4	2/-4
Freezing Level*	700m	600m	900m	800m	700m	300m	300m	300m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 80mph possible higher peaks, potentially higher depending on track of Storm Eunice

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Thu 17 Feb 2022	18.8mm	23.8mm	29mm

Forecast for Saturday 19 Feb 2022

Weather: A bright start with a few snow showers but increasing cloud brings outbreaks of rain, sleet and, especially over northern hills, snow for a time around midday. Becoming drier and brighter from mid-afternoon but cloud increasing again through the evening.

Maximum wind: Westerly 25-35mph, gusts around 60mph over higher peaks, backing southwesterly through the morning and easing 15-20mph by midday.

Chance of cloud-free hill tops above 600m: Initially around 75% and again from mid-afternoon, but chances falling close to zero around midday.

Low cloud and visibility: Occasional cloud above 600m becoming, periods or persistent above 300-450m. Otherwise visibility good or very good falling to several kilometres in rain and sleet and a kilometre or less in any snow or snow showers.

Temperature: **Valleys:** Around zero Celsius rising to plus 6 or 7 Celsius
At 600m: minus 1 Celsius, rising to plus 2 Celsius in evening
Freezing level: Around 450m rising, especially in south through morning and more generally in evening, above summits.

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